



General Assembly

Amendment

February Session, 2022

LCO No. 5610



Offered by:
SEN. SOMERS, 18th Dist.

To: Subst. Senate Bill No. 236

File No. 241

Cal. No. 192

"AN ACT CONCERNING THE USE OF BACK-UP DIESEL GENERATORS FOR PURPOSES OF PEAK SHAVING."

1 Strike everything after the enacting clause and substitute the
2 following in lieu thereof:

3 "Section 1. (NEW) (*Effective July 1, 2022*) (a) For purposes of this
4 section, "peak shaving" means the use of on-site power generation to
5 reduce power consumption from the electric grid.

6 (b) (1) On or after July 1, 2022, any diesel reciprocating engines
7 contemporaneously installed for emergencies and peak shaving
8 purposes at a single facility and totaling more than fifty megawatts of
9 generating capacity shall be designed and operated such that emissions
10 of air pollutants while operating at steady-state, excluding start-up
11 operations shall not exceed:

T1	Pollutant	Emission limit (pounds per megawatt hour)
T2	Nitrogen Oxide	.67
T3	Particulate Matter	0.03

T4	Carbon Monoxide	3.50
T5	Non-Methane	.19
T6	hydrocarbons	

12 (2) Notwithstanding any other provision of this section, natural gas
 13 generators shall be used by data centers provided there is access to a
 14 quantity of natural gas not further than two miles from the data center
 15 that is sufficient to operate such a generator to produce the megawatts
 16 needed to operate the data center in case of an emergency. If such
 17 natural gas is not available, tier 2 and tier 4 diesel generators may be
 18 used by such data centers with peak shaving only allowed for tier 4
 19 generators. Any such generator shall be permitted separately.

20 (3) The use of any such diesel reciprocating engine at such a facility
 21 shall be limited to not more than three hundred hours of operation per
 22 year of peak shaving. There shall be no restriction for emergency use.

23 (4) The exhaust from any such diesel reciprocating engine shall exit
 24 from a stack discharge height of not less than thirty-four feet from
 25 ground elevation to meet air modeling guidelines.

26 (5) Any such generator shall be permitted in accordance with any
 27 state or federal regulation emission standard."

This act shall take effect as follows and shall amend the following sections:		
Section 1	July 1, 2022	New section